

DECLARATION FOR PATENT APPLICATION

As below-named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHODS FOR GENERATING DATABASES AND DATABASES FOR
IDENTIFYING POLYMORPHIC GENETIC MARKERS**

the specification of which

- () is attached hereto.
- (X) was filed by an authorized person on my behalf on October 13, 2000 as Application Serial No. 09/687,483.
- () was amended on _____

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

We hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below and so identified, or §365(a) of any PCT international application that designated at least one country other than the United States of America, listed below, and we have also identified below any foreign application for patent or inventor's certificate or PCT international application on this invention filed by us or our legal representatives or assigns and having a filing date before that of the application on which priority is claimed.

<u>Number</u>	<u>Country</u>	<u>Day/Month/Year Filed</u>	<u>Priority Claimed (Yes or No)</u>
N/A			

We hereby claim benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

<u>Application Serial No.</u>	<u>Filing Date</u>
60/217,658	July 10, 2000
60/159,176	October 13, 1999
60/217,251	July 10, 2000

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
09/663,968	September 19, 2000	
<u>PCT Application No.</u>	<u>Filing Date</u>	<u>Status</u>

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith and request that all correspondence and telephone calls in respect to this application be directed to Stephanie Seidman, HELLER EHRMAN WHITE & McAULIFFE LLP, 4250 Executive Square, 7th FLOOR, LaJolla, California 92037-9103:

<u>Attorney</u>	<u>Reg. No.</u>
Stephanie Seidman	33,779
Gary H. Silverstein	39,372
Paula K. Schoeneck	39,362
Dale L. Rieger	43,045

Address for correspondence: Stephanie Seidman
HELLER EHRMAN WHITE & McAULIFFE LLP
4250 Executive Square
7th Floor
LaJolla, CA 92037-9103

Full name of joint inventor: Hubert Köster

Inventor's signature: _____

Date: _____

Residence: La Jolla, California

Post Office Address: 8636-C Via Mallorca Dr.
La Jolla, California, 92037

Citizenship: Germany

Full name of joint inventor: Andreas Braun

Inventor's signature: _____

Date: _____

Residence: San Diego, California

Post Office Address: 11237-6 Carmel Creek Road
San Diego, California, 92030

Citizenship: U.S.A.

Full name of joint inventor: Dirk Van Den Boom

Inventor's signature: _____

Date: _____

Residence: Hamburg, Germany

Post Office Address: Eppendorfer Weg 205 D
20253 Hamburg, Germany

Citizenship: Germany

Full name of joint inventor: Yip Ping

Inventor's signature: _____

Date: _____

Residence: San Diego, California

Post Office Address: 3641 Copley Avenue
San Diego, California, 92116

Citizenship: U.S.A.

Full name of joint inventor: Charlie Rodi

Inventor's signature: _____

Date: _____

Residence: Del Mar, California

Post Office Address: 13823 Recuerdo Drive
Del Mar, California, 92104

Citizenship: U.S.A.

Full name of joint inventor: Liyan He

Inventor's signature: _____

Date: _____

Residence: San Diego, California

Post Office Address: 10948 Creek Bridge Place
San Diego, California

Citizenship: China

Full name of joint inventor: Norman Chiu

Inventor's signature: _____

Date: _____

Residence: San Diego, California

Post Office Address: 1128 Caminito Alvarez
San Diego, California, 92126

Citizenship: Canada

Full name of joint inventor: Christian Jurinke

Inventor's signature: _____

Date: _____

Residence: Hamburg, Germany

Post Office Address: Rombergstrasse 22
20255 Hamburg, Germany

Citizenship: Germany

Form PTO-1595

RECORDATION FORM COVER SHEET PATENTS ONLY

JUL 12 2002

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of Conveying party(ies):

BRAUN, Andreas
VAN DEN BOOM, Dirk
PING, Yip
RODI, Charlie
HE, Liyan
CHIU, Norman
JURINKE, Christian
KÖSTER, Hubert

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving Party(ies)

SEQUENOM, INC.
11555 Sorrento Valley Road
San Diego, California 92121

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment(s) (8) ☐ Merger
☐ Security Agreement ☐ Change of name
☐ Other _____

Execution Date: BRAUN, Andreas: 12/15/00; VAN DEN BOOM, Dirk: 12/20/00;
PING, Yip: 01/22/01; RODI, Charlie: 12/20/00; HE, Liyan: 12/14/00;
CHIU, Norman: 12/22/00; JURINKE, Christian: 12/11/00; KÖSTER, Hubert: 12/22/00.

Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s):
09/687,483

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Stephanie L. Seidman
HELLER EHRMAN WHITE & MCAULIFFE LLP
4350 La Jolla Village Drive,
6th Floor
San Diego, CA 92122-1246

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00
☒ Check enclosed
☒ Authorized to charge any underpayment to deposit account

8. Deposit account Number: 50-1213

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9. Statement and signature.

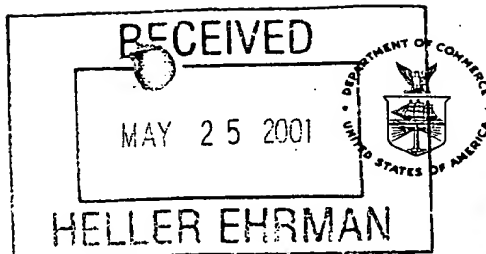
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Stephanie L. Seidman
Name of Person Signing
Registration No. 33,779

Signature

09/04/2001
Date

Total number of pages including cover sheet, attachments, and document: 17



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MAY 18, 2001

HELLER EHRMAN WHITE & MCAULIFFE LLP
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4250 EXECUTIVE SQUARE
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101637193A



UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/09/2001

REEL/FRAME: 011580/0576
NUMBER OF PAGES: 17

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BRAUN, ANDREAS

DOC DATE: 12/15/2000

ASSIGNOR:

VAN DEN BOOM, DIRK

DOC DATE: 12/20/2000

ASSIGNOR:

PING, YIP

DOC DATE: 01/22/2001

ASSIGNOR:

RODI, CHARLIE

DOC DATE: 12/20/2000

ASSIGNOR:

HE, LIVAN

DOC DATE: 12/14/2000

ASSIGNOR:

CHIU, NORMAN

DOC DATE: 12/22/2000

ASSIGNOR:

JURINKE, CHRISTIAN

DOC DATE: 12/11/2000

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JUL 18 2002

OFFICE OF PETITIONS

ASSIGNOR:
KOSTER, HUBERT

DOC DATE: 12/22/2000

ASSIGNEE:
SEQUENOM, INC
11555 SORRENTO VALLEY ROAD
SAN DIEGO, CALIFORNIA 92121

SERIAL NUMBER: 09687483
PATENT NUMBER:

FILING DATE: 10/13/2000
ISSUE DATE:

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



2033
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

SEPTEMBER 07, 2001

HELLER EHRMAN WHITE & MCAULIFFE LLP
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SAN DIEGO, CA 92122-1246



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RECORDATION DATE: 06/21/2001

REEL/FRAME: 011933/0703
NUMBER OF PAGES: 4

BRIEF: CORRECTIVE ASSIGNMENT CORRECTING THE FIFTH ASSIGNEE'S NAME PREVIOUSLY RECORDED ON REEL 011580, FRAME 0576. ASSIGNOR HEREBY CONFIRMS THE ASSIGNMENT OF THE ENTIRE INTEREST.

ASSIGNOR:

BRAUN, ANDREAS

DOC DATE: 12/15/2000

ASSIGNOR:

VAN DEN BOOM, DIRK

DOC DATE: 12/20/2000

ASSIGNOR:

PING, YIP

DOC DATE: 01/22/2001

ASSIGNOR:

RODI, CHARLIE

DOC DATE: 12/20/2000

ASSIGNOR:

HE, LIYAN

DOC DATE: 12/14/2000

ASSIGNOR:

CHIU, NORMAN

DOC DATE: 12/22/2000

ASSIGNOR:

JURINKE, CHRIS

DOC DATE: 12/11/2000

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JUL 18 2002

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ASSIGNOR:
KOSTER, HUBERT

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ASSIGNEE:
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SERIAL NUMBER: 09687483
PATENT NUMBER:

FILING DATE: 10/13/2000
ISSUE DATE:

JEFFREY OLSEN, EXAMINER
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